```
EEEEEEEEEEEEEEEE    RRRRRRRRRRRR        FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE    RRRRRRRRRRRR        FFFFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE    RRRRRRRRRRRR        FFFFFFFFFFFFFFFF
EEE                 RRR        RRR      FFF
EEE                 RRR        RRR      FFF
EEE                 RRR        RRR      FFF
EEE                 RRR        RRR      FFF
EEE                 RRR        RRR      FFF
EEE                 RRR        RRR      FFF
EEEEEEEEEEEE        RRRRRRRRRRRR        FFFFFFFFFFFF
EEEEEEEEEEEE        RRRRRRRRRRRR        FFFFFFFFFFFF
EEEEEEEEEEEE        RRRRRRRRRRRR        FFFFFFFFFFFF
EEE                 RRR    RRR          FFF
EEE                 RRR    RRR          FFF
EEE                 RRR    RRR          FFF
EEE                 RRR      RRR        FFF
EEE                 RRR      RRR        FFF
EEE                 RRR      RRR        FFF
EEEEEEEEEEEEEEEE    RRR        RRR      FFF
EEEEEEEEEEEEEEEE    RRR        RRR      FFF
EEEEEEEEEEEEEEEE    RRR        RRR      FFF
```

CSTRING.:

LIS

```
0000          1  ;
0000          2  ;********************************************************************
0000          3  ;*                                                                  *
0000          4  ;*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                         *
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0000         21  ;*                                                                  *
0000         22  ;*                                                                  *
0000         23  ;********************************************************************
0000         24  ;
0000         25  ;
0000         26  ;
0000         27  ;    AUTHOR  BRIAN PORTER              CREATION DATE   10-AUG-1979
0000         28  ;
0000         29  ;
0000         30  ;
0000         31  ;
0000         32          .TITLE STRING
0000         33          .IDENT /V04-000/
0000         34
00000000     35          .PSECT STRING
0000         36
007C  0000   37          .ENTRY CSTRING ^M<R2,R3,R4,R5,R6>
0002         38
      50    04 BC    08    C7   0002   39          DIVL3   #8,@4(AP),R0            ;FIND THE MESSAGE CODE
      56  00000000'EF    9E   0007   40          MOVAB   BUG$T_MESSAGES,R6       ;USE IT TO INDEX INTO MSG TABLE
                52    86    9A   000E   41  122$:   MOVZBL  (R6)+,R2                ;STEP THROUGH TABLE
                56    52    C0   0011   42          ADDL    R2,R6                   ;
             F7  50    F5   0014   43          SOBGTR  R0,122$                 ;
   OC BC    48 8F    9A   0017   44          MOVZBL  #72,@12(AP)             ;MAXIMIZE LENGTH IN BUGMSG_LENGTH
      48 8F    86    91   001C   45          CMPB    (R6)+,#72               ;IS MSG LONGER THAN 72 CHAR
             06    14   0020   46          BGTR    124$                    ;IF GTR NO
   OC BC    76    9A   0022   47          MOVZBL  -(R6),@12(AP)           ;PUT LENGTH IN BUGMSG_LENGTH
             86    95   0026   48          TSTB    (R6)+                   ;
08 BC  66  OC BC    28   0028   49  124$:   MOVC3   @12(AP),(R6),@8(AP)     ;COPY STRING TO BUGMSG_TEXT
             04   002E   50          RET
                  002F   51
                  002F   52          .END
```

```
BUG$T MESSAGES    ******** X  01
CSTRING           00000000 RG  01
```

```
                        +-----------------+
                        ! Psect synopsis  !
                        +-----------------+
```

PSECT name	Allocation		PSECT No.	Attributes											
. ABS .	00000000 (	0.)	00 (0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD		NOWRT	NOVEC	BYTE
STRING	0000002F (	47.)	01 (1.)	NOPIC	USR	CON	REL	LCL	NOSHR	EXE	RD		WRT	NOVEC	BYTE

```
                   +----------------------------+
                   ! Performance indicators !
                   +----------------------------+
```

Phase	Page faults	CPU Time	Elapsed Time
Initialization	32	00:00:00.07	00:00:00.44
Command processing	124	00:00:00.42	00:00:02.29
Pass 1	67	00:00:00.28	00:00:00.70
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	28	00:00:00.18	00:00:01.01
Symbol table output	1	00:00:00.01	00:00:00.02
Psect synopsis output	1	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	256	00:00:00.98	00:00:04.47

The working set limit was 900 pages.
760 bytes (2 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 2 non-local and 2 local symbols.
52 source lines were read in Pass 1, producing 14 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

```
                   +----------------------------+
                   ! Macro library statistics !
                   +----------------------------+
```

Macro library name	Macros defined
_255DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:CSTRING/OBJ=OBJ$:CSTRING MSRC$:CSTRING/UPDATE=(ENH$:CSTRING)

CLASSIFY
LIS

CSTRING
LIS

DHEADS
LIS

DR750
LIS

DR780
LIS

DR11W
LIS

COMPRESS
LIS

DTAILS
LIS

DECODECC
LIS

DUMPREG
LIS

DUTLDRIVR
LIS

CALCMAP
LIS

DUP3271
LIS

CRYPTK
LIS

DQDISKS
LIS

DUP11
LIS